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PCT	·	
	International Application	on No.
DEOUEST		
REQUEST	International Filing Date	te
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The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Offi	ce and "PCT International Application"
,	Applicant's or agent's t	file reference
	(if dexired) (12 characte	ars maximum) K157P164
BOX NO. I TITLE OF INVENTION METHOD		JOUS PREPARATION
OF NANOMETER-SIZE		RCONIA SOL
Box No. II APPLICANT This person	n is also inventor	
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in this	Telephone No. 82-42-860-7516
KOREA RESEARCH INSTITUTE OF		Fausimile No.
TECHNOLOGY		82-42-860-7761 Teleprinter No.
		releprimer ivo.
100 Jang-dong, Yuseong-ku	Vones	Applicant's registration No. with the Office
Daejeon 305-343, Republic of	State (that is, country)	3-1998-007765-1
State (that is, country) of nationality: KR	State (mar.is, commy)	KR
This person is applicant all designated for the purposes of:		the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)	
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in this	This person is:
KIM, Hee Young		applicant only
101-203 Hanbit Apartment, Eo	eun-dong .	y applicant and inventor inventor only (If this check-box
Yuseong-ku, Daejeon 305-755	is marked, do not fill in helow.)	
Republic of Korea		Applicant's registration No. with the Office
State (that is, country) of nationality:	State (that is, country)	of residence:
This person is applicant all designated all designate for the purposes of:		the United States the States indicated in the Supplemental Box
V Further applicants and/or (further) inventors are indicated		
Box No. IV AGENT OR COMMON REPRESENTATIVE	E; OR ADDRESS FOR	CORRESPONDENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	on behalf V	agent common representative
Name and address: (Family name followed by given name: for a legal en The address must include postal code and name of		Telephone No. 82-2-772-4570
BAEK, Duk Yeul ; LEE, Tae He	ee	Facsimile No. 82-2-772-4001
18th Floor Marine Center Mai	in Bldg.	Teleprinter No.
118 Namdaemun-ro 2-ka, Chung	n-au	
• • •	, , , -	
Seoul 100-770, Republic of F	_	Agent's registration No. with the Office 1-1998-000217-2 1-1998-000323-2

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
If none of the following sub-boxes is used, this sheet should not	he included in the rec	quest.	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)		This person is: applicant only	
PARK, Yong Ki		y applicant and inventor	
119-302 Hanbit Apartment, Eoeu	n-dong	inventor only (If this check-box is marked, do not fill in below.)	
Yuseong-ku, Daejeon 305-755		Applicant's registration No. with the Office	
Republic of Korea		Applicant stegistration No. while the Office	
State (that is, country) of nationality: KR	State (that is, country) of residence: KR	
This person is applicant all designated all designated the United States		the United States of America only the Supplemental Box	
Name and address: (Family name followed by given name: for a legal entire address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State o	e address matcaled in this e is indicated below.)	This person is: applicant only place applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country	of residence:	
This person is applicant all designated for the purposes of: States all designated the United States	States except ates of America	the United States of America only the Suates indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity the address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence LIM, Hyung Sup 218-401 Hanyang Apartment, Sunbu-dong 1086, Ansan 425-14 Kyungki-do, Republic of Korea	e address maticaled in this e is indicated below.)	This person is: applicant only V applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country	of residence:	
This person is applicant all designated all designated	States except ates of America	the United States of America only the States indicated in the Supplemental Box	
Name and address: (Family name fallowed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	re address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-hox is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of residence:	
	d States except Lates of America	the United States of America only the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Sheet No. . . 3 . . .

Box No.	V DESIGNATION OF STATES	Mark the applicable check-boxes below;	at least one must be marked.	
The follo	owing designations are hereby made u	nder Rule 4.9(a):		
Region	al Patent			
□ AP	ARIPO Patent: GH Ghana, GM SL Sierra Leone, SZ Swaziland, TZ State which is a Contracting State specify on dotted line)	I Gambia, KE Kenya, LS Lesotho, MW United Republic of Tanzania, UG Uganda, Z of the Harare Protocol and of the PCT (if an	her kind of protection or treatment desired,	
□ EA	RU Russian Federation, TJ Tajikist Patent Convention and of the PCT	CAzerbaijan, BY Belarus, KG Kyrgyzstan, K an, TM Turkmenistan, and any other State w	which is a Contracting State of the Eurasian	
₩ ЕР	Republic, DE Germany, DK Denm IE Ireland, IT Italy, LU Luxembou TR Turkey and any other State whi	Belgium, BG Bulgaria, CH & LI Switzerland ark, EE Estonia, ES Spain, FI Finland, FR I rg, MC Monaco, NL Netherlands, PT Portug ch is a Contracting State of the European Pa	al, SE Sweden, SI Slovenia, SK Slovakia, tent Convention and of the PCT	
□ OA	GA Gabon, GN Guinea, GQ Equat	IJ Benin, CF Central African Republic, CG orial Guinea, GW Guinea-Bissau, ML Mali State which is a member State of OAPI and a pecify on dotted line)	Contracting State of the PCT (if other kind	
Nation	al Patent (if other kind of protection	or treatment desired, specify on dotted line):		
TABUUII		CM Combin	NZ New Zealand	
I 🗆 . ~	A simus and Dorbardo	HR Croatia	OM Oman	
l □ AL	Albania	☐ HU Hungary	☐ PH Philippines	
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I □ ₄≖	Assatsia	□ 11. Israel	PT Portugal	
l □ AU	Australia	□ IN India	□ RO Romania	
☐ AZ	Azerbaijan	IS Iceland	□ RU Russian Federation	
□ BA	Bosnia and Herzegovina	JP Japan	П со сущения	
□вв	Barbados	KE Kenya	SC Seychelles	
□ BG	Bulgaria	KG Kyrgyzstan	SD Sudan	
□ BR	Brazil	KP Democratic People's Republic of Korea	SE Sweden	
∐ BY	Belarus	Of Korea	SK Slovakia	
		KK Republic of Rolea	Sl. Sierra Leone	
L CA	Canada & L1 Switzerland and Liechtenstein		TJ Tajikistan	
LI CH	China	D 1 K Sri Lanka	☐ TM Turkmenistan	
	Colombia	☐ LR Liberia	☐ TN Tunisia	
	Costo Pico	LS Lesotho	☐ TR Turkey	
	Cuba	LT Lithuania	☐ TT Trinidad and Tobago	
	Czech Republic	LU Luxembourg		
DE	Germany	LV Latvia	TZ United Republic of Tanzania	
DK	Denmark	MA Morocco	UA Ukraine	
	1 Dominica	MD Republic of Moldova	UG Uganda	
□ pz	Alveria		US United States of America	
	Canadas	MG Madagascar		
□ EE	Estonia	MK The former Yugoslav Republic of	UZ Uzbekistan	
☐ ES	Spain		☐ VC Saint Vincent and the Grenadines ☐ VN Viet Nam	
	Finland	☐ MN Mongolia	☐ YU Yugoslavia	
	United Kingdom	MWMalawi	ZA South Africa	
☐ CL	Grenada ·	MX Mexico	ZA South Africa	
│ □ GE	Georgia	MZ Mozambique	ZW Zimbabwe	
1	Ghana			
Check	-boxes below reserved for designating	States which have become party to the PCT	after issuance of this sheet:	
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<u> </u>		<u> </u>	and the state of t	
Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)				

Sheet	Nο		/.	

Box No. VI PRIORITY	CLAIM				
The priority of the following	earlier application(s) is hereb	by claimed:			
Filing date	Number				
of earlier application of earlier application (day/month/year)	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
7 MARCH 2003 (7/3/2003)	2003-14245	KR			
item (2)	•				
item (3)					
item (4)					
item (5)				•	
Further priority claims	are indicated in the Suppleme	ental Box.			
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as: V all items item (1) item (2) item (3) item (4) item (5) Other, see Supplemental Box * Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(h)(ii)): Box No. VII INTERNATIONAL SEARCHING AUTHORITY					
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA /					
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): Date (day/month/year) Number Country (or regional Office)					
Box No. VIII DECLARATIONS					
The following declarations check-hoxes below and indic	are contained in Boxes Nos	s. VIII (i) to (v) (mark the a nmber of each type of declar	applicable ration):	Number of declarations	
Box No. VIII (i)	Declaration as to the ident	ity of the inventor		፡	
Box No. VIII (ii)	Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:				
Box No. VIII (iii)	(iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				
Box No. VIII (iv)	Declaration of inventorsh United States of America	nip (only for the purposes o	of the designation of the	:	
Box No. VIII (v)	Declaration as to non-pre	judicial disclosures or exc	eptions to lack of novelt	y :	

Sheet No.

Box No. IX CHECK LIST; LANGUAGE C	F FILING		
This international application contains: (a) in paper form, the following number of	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items	
sheets: request (including	1. W fee calculation sheet	: 1	
declaration sheets) : 5	2. 🔽 original separate power of attorney	: 5	
description (excluding sequence listings and/or	3. original general power of attorney	:	
tables related thereto) : 42	4. copy of general power of attorney; reference number, if any:	. :	
claims : 5	5. statement explaining lack of signature	: 1	
abstract : 1	6. priority document(s) identified in Box No. VI as		
drawings : 11	item(s):	. :	
Sub-total number of sheets: 64 sequence listings:	7. Translation of international application into (language):	:	
tables related thereto : (for both, actual number of	 separate indications concerning deposited microorganism or other biological material 	:	
sheets if filed in paper form, whether or not also filed in	 sequence listings in computer readable form (indicase type and number of carriers) 		
computer readable form; see (c) below) —————	 (i) copy submitted for the purposes of international search und Rule 13ter only (and not as part of the international applica 	uon):	
Total number of sheets : 64	(ii) (only where check-hox (b)(i) or (c)(i) is marked in left column)		
(b) only in computer readable form (Section 801(a)(i))	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of the cor	by or	
(i) ☐ sequence listings (ii) ☐ tables related thereto	copies with the sequence listings mentioned in left column 10	:	
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers) (i) Convey submitted for the numbers of international search und	ier	
(i) ☐ sequence listings (ii) ☐ tables related thereto	Section 802(b-quater) only (and not as part of the internal application)	: :	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-hox (h)(ii) or (c)(ii) is marked in left column additional copies including, where applicable, the copy for purposes of international search under Section 802(b-quate	tne er) :	
sequence listings:	(iii) logether with relevant statement as to the identity of the co- copies with the tables mentioned in left column	:	
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. other (specify):	:	
Figure of the drawings which should accompany the abstract:	Language of filing of the international application:		
Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the	T. AGENT OR COMMON REPRESENTATIVE Supposed the capacity in which the person signs (if such capacity is not obvious from real polyto).	ding the request).	
BAEK, DUK YEUL			
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LEE, TAE HEE	MMMF 5 523		
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1. Date of actual receipt of the purported		Orawings:	
international application:		received:	
 Corrected date of actual receipt due to later timely received papers or drawings comple the purported international application: 	but ling		
4. Date of timely receipt of the required corrections under PCT Article 11(2):		not received:	
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid		
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Date of receipt of the record copy by the International Bureau:			